HAUG ionisation – for removing electrostatic charges

Ion Beam DC ultra compact

Highly compact and robust GRP ionisation rod Ion Beam DC ultra compact with integrated high-voltage supply and evaluable signals.

Your advantages

- Electronic components not permanently cast and thus replaceable and repairable
- Ionisation rod with integrated high-voltage supply in GRP profile
- Pre-set ion balance
- 24 V direct current technology for high discharging performance even at high speeds
- Connection to machine control via signal line K6
- LED fault display directly on the bar

Scope of supply

- Ionisation device including high-voltage supply
- 1 set of bar holders
- User manual

DC Line – Ion Beam DC ultra compact

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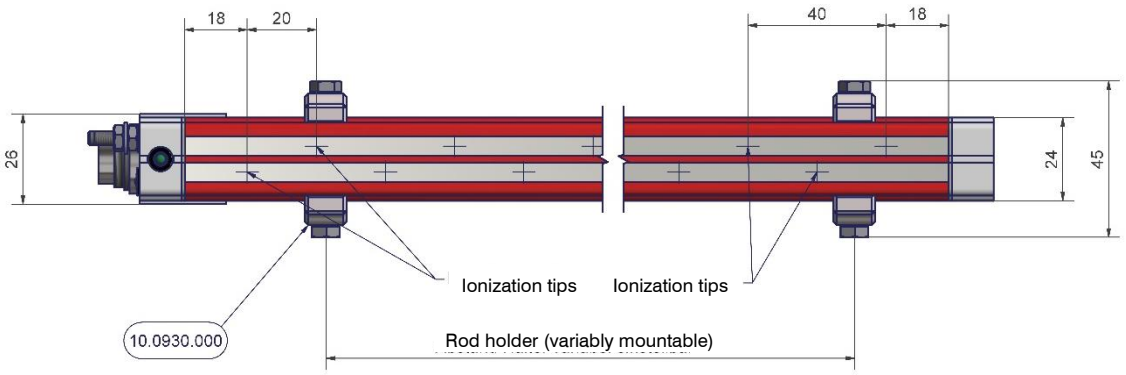
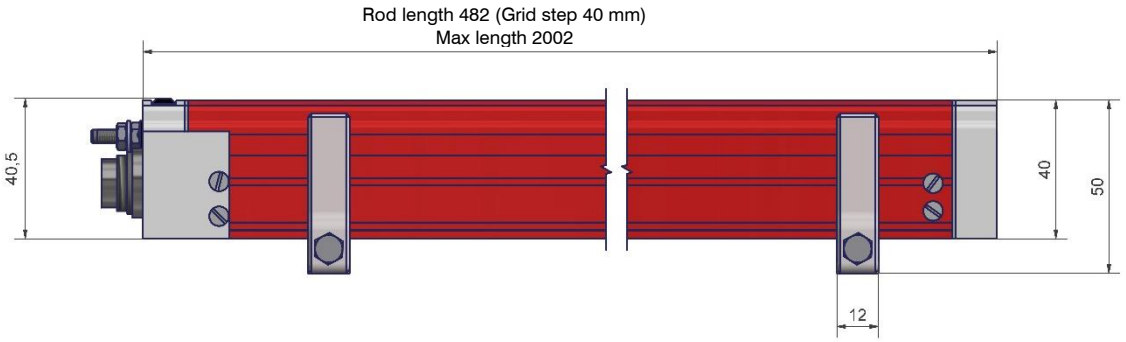
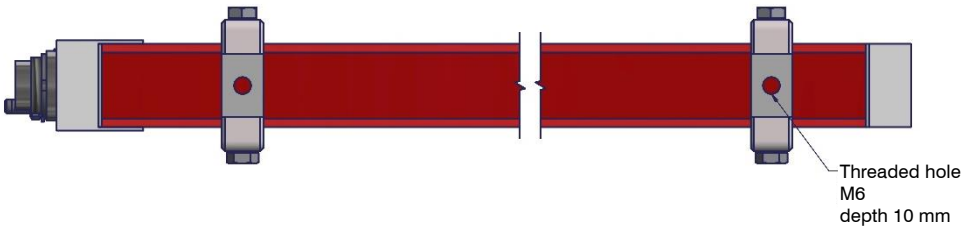
Technical data

Ion Beam DC ultra compact	
ID number	**03.0930.000**
Key data specifications	Reference temperature 23 °C
Input voltage	12 – 24 V_{DC} ±10%
Power consumption	P_{max} = 24 W
Input current	max. 2.0 A at 12 V_{DC} max. 1.0 A at 24 V_{DC}
High voltage	±5 kV_{DC}
Max. high-voltage short circuit current	I_k = 2.0 mA
Connection	Signal line K6
Connection alternatively	Plug-in power supply with control plug (K6)
Relay contact load K6 signal socket	max. 24 V_{AC}/35 V_{DC} max. 50 mA
Maximum frequency	1 Hz
Temperature, humidity, air pressure, oscillations	
Nominal use range	+5 °C – (+45 °C)
Limit range for storage and transport	-15 °C – (+60 °C)
Nominal use range	20% – 65% RF
Limit range for storage and transport	0% – 85% RF
Nominal use range	810 hPa – 1074 hPa
Limit range for storage and transport	max. 1.5*g* (10 – 55 Hz), 1 h
Impact	max. 15*g* in each direction
Housing, dimensions, weight	
Degree of protection	IP 54
Protection class	I
Overvoltage category	I
Degree of contamination	1
Height	max 40.5 mm (incl. light-emitting diode)
Width	26 mm (excluding holder)
Length	482 mm to 2002 mm, grid step 40 mm Special lengths on request
Weight 482 mm	0.57 kg
Special features	
Ion balance	pre-set
Profile material	GRP
Ionization tips material	Tungsten
Rod holder fastening options	variable

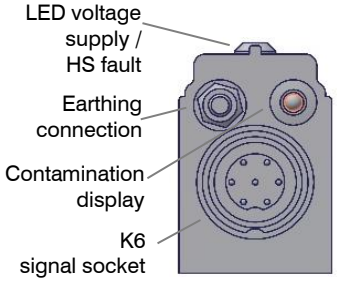
Technical drawings



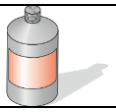
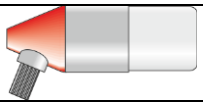




Description of connections and displays



Accessories

Article	Figure	Part number
Special cleaning agent **SRM1**		10.7220.000
Plastic fibre cleaning brush **RB3**		10.7218.003
Special cleaning system **RS1**		10.7218.001
Disc brush for special cleaning system		X-6822
Control plug (K6)		X-7807
5 m screened signal line K6 with mounted plug		06.8976.000
10 m screened signal line K6 with mounted plug		06.8976.001
20 m screened signal line K6 with mounted plug		06.8976.002
Rod holder (variably mountable)		10.0930.000
Plug-in power supply		On request